

Clout Assay For T. mea Pol.

Proj ct N. _____
Bo k No. _____

Lab No. 2/1/95 Purpose: DETERMINE TOTAL CLUT CONCENTRATION OF TWO SAMPLES.

Picomix:

✓ 335 μ l Dx Reaction Buffer (35 mM TAPS, pH 9.3 / 50 mM KCl / 1 mM DTT)
 ✓ 1.3 47 μ l MgCO₃ @ 1.00 M
 ✓ 92.9 88 μ l DNA @ 3.5 ug/ml
 ✓ 139.8 180.7 162 μ l H₂O
 ✓ 65 μ l H.C. @ 90.3 pmol/μmol

REACTION BUFFER:

I. 0.5 M Taps, pH 9.3 100 ml
 FW = 243.3 : 12.165g
 TREATED WITH 10N NaOH

II. For 10ml @ 2X

✓ 1ml 0.5M Taps, pH 9.3 = 50 mM
 ✓ 500 250 μ l 2M KCl = 100 mM
 ✓ 40 20 μ l 0.5M DTT = 2 mM

Assay @ 70°C, 10min

U/ml

	156	
1ul of 55μl @ 1/10	65413	17.3
2ul	113154	15.0 X = 15.2 U/ml
3ul	151375	13.4
1ul of 55μl @ 1/5	44554	1.48
2ul	95434	1.58 X = 1.47 U/ml
3ul	121699	1.35
1ul JH-G1 Qcon @ 1/100	19038	

To Pag No. _____

Assessed & Understood by me,

R. Pless

Dat

7/12/95

Invented by

Recorded by

Date

5/23/95